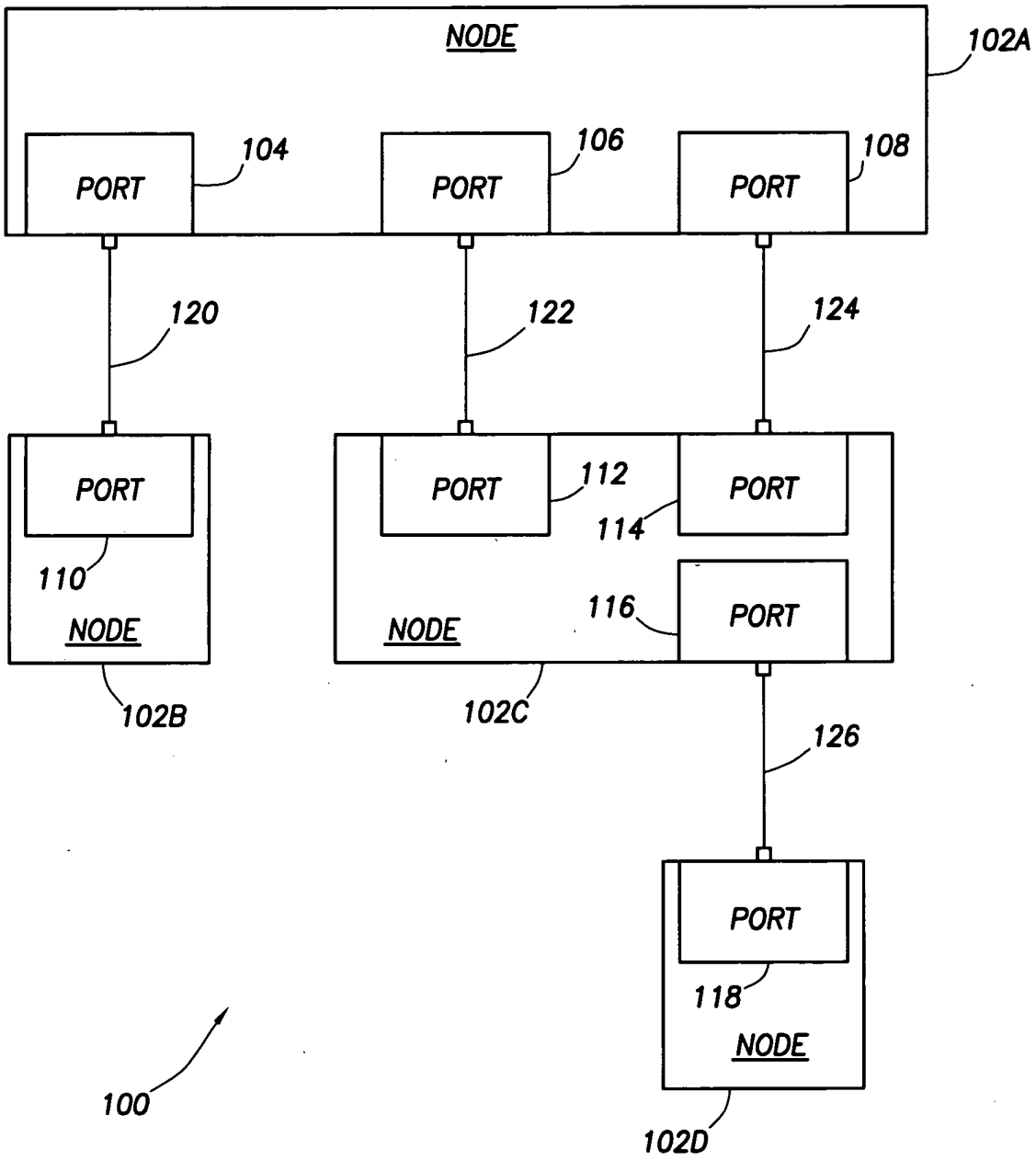
NODE
102A
PORT
104
PORT
106
PORT
108
120
122
124
PORT
110
NODE
102B
PORT
112
PORT
114
NODE
116
PORT
102C
126
PORT
118
NODE
102D
100

FIG. 1

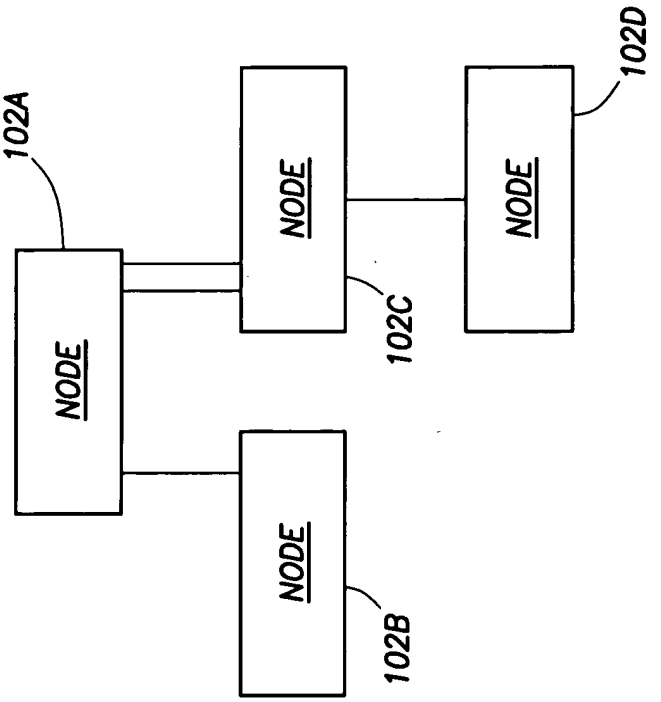
102A
NODE
NODE
NODE
NODE
102B
102C
102D

FIG.4

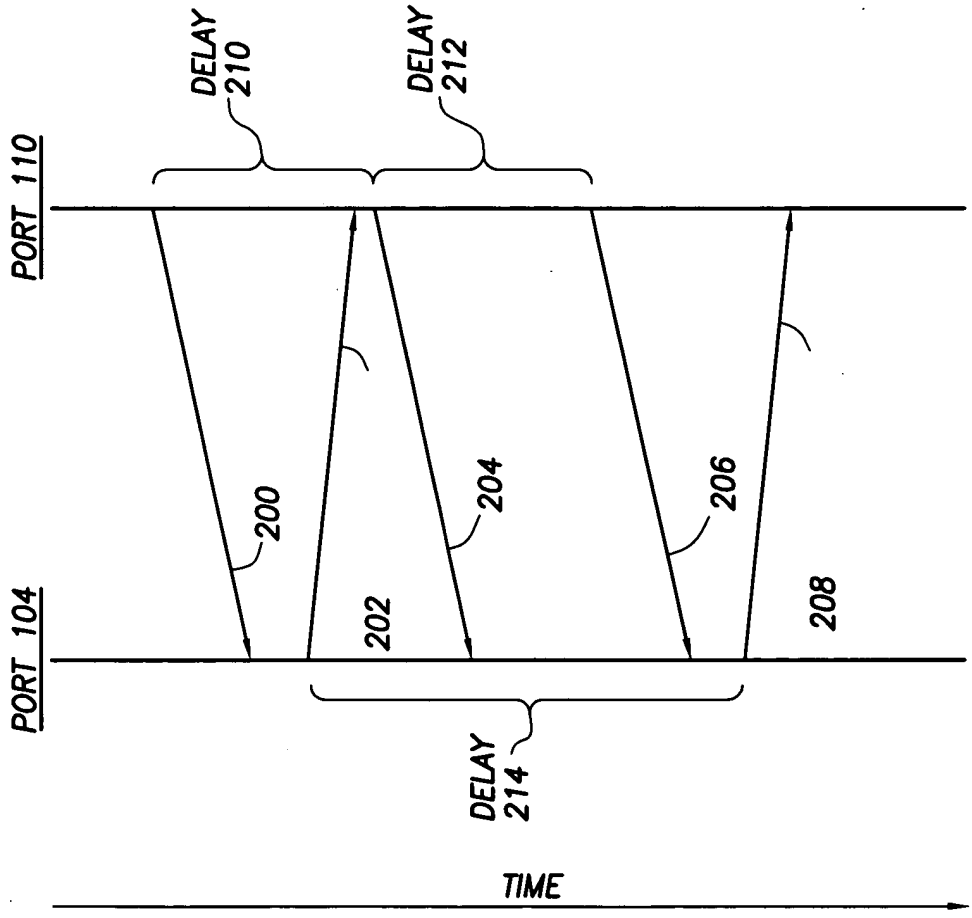
DELAY 210
DELAY 212
PORT 110
PORT 104
200
202
204
206
208
DELAY 214
TIME

FIG.2

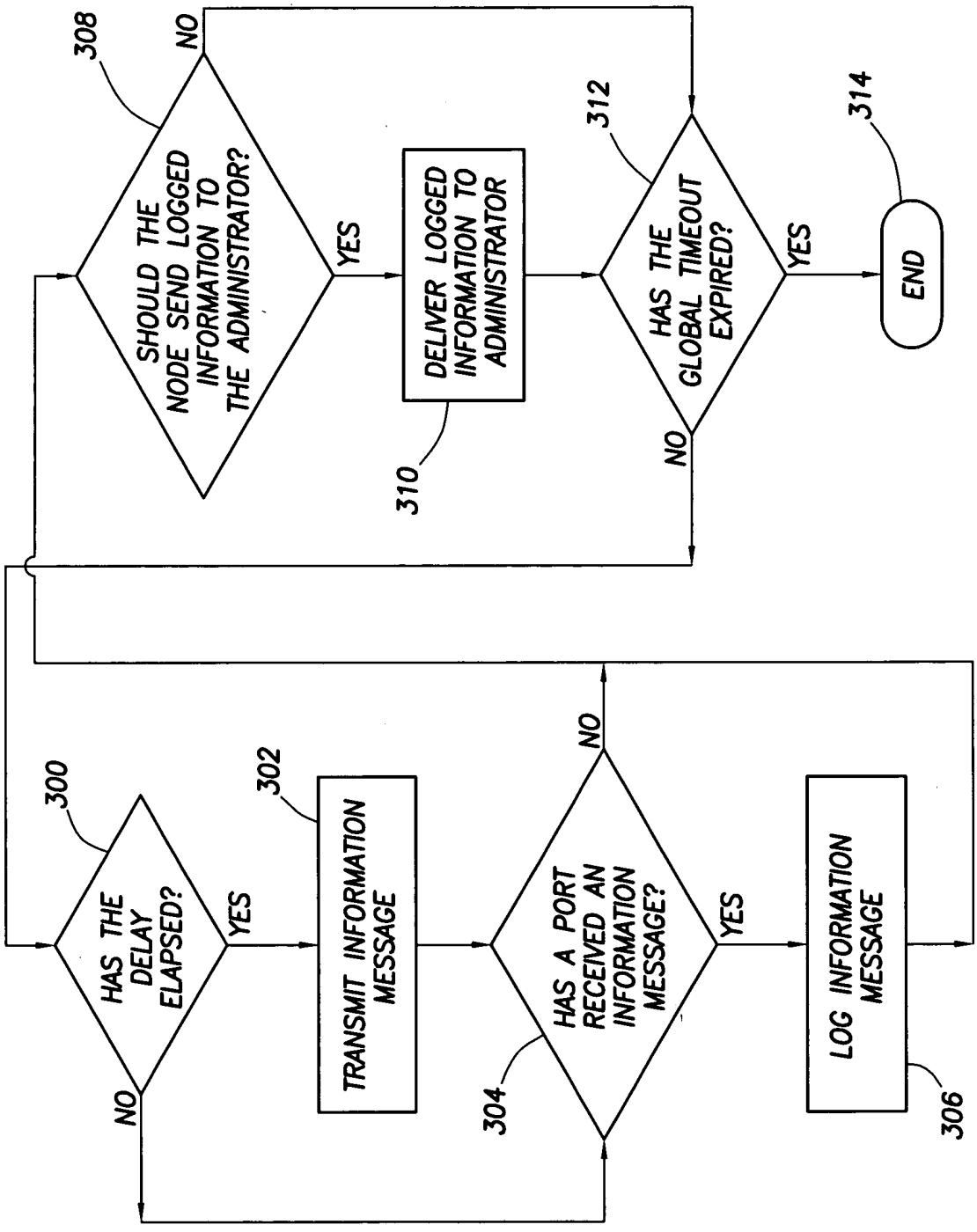
HAS THE DELAY ELAPSED?
300
NO
YES
TRANSMIT INFORMATION MESSAGE
302
HAS A PORT RECEIVED AN INFORMATION MESSAGE?
304
NO
YES
LOG INFORMATION MESSAGE
306
SHOULD THE NODE SEND LOGGED INFORMATION TO THE ADMINISTRATOR?
308
NO
YES
DELIVER LOGGED INFORMATION TO ADMINISTRATOR
310
HAS THE GLOBAL TIMEOUT EXPIRED?
312
NO
YES
END
314

FIG.3